

DT11 Dec'd PCT/PTO 23 JUN 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. Of: MIYACHI et al.
Filed: June 23, 2004
For: LITHIUM ION SECONDARY BATTERY
DOCKET: NEC DP-907

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In connection with the above-identified application, Applicants hereby attach U.S. Patent Office form PTO-1449, including copies of the prior art references listed therein. Most of these references were cited in the International Search Report dated April 30, 2003 of the corresponding PCT patent application, and one of these references was cited in the specification. Enclosed also is a copy of the International Search Report. Applicants are not submitting a copy of the U.S. Patent reference as the Office waived the requirement under 37 CFR 1.98(a)(2)(i) on July 11, 2003. The claims in the present application are believed to be patentably distinguished over these references.

This information disclosure statement is being made pursuant to the duty of disclosure imposed by law and formulated in 37 CFR §1.56(A). No representation is made that the information thus disclosed in fact constitutes prior art or that it is the closest prior art, inasmuch as 37 CFR §1.56(A) relies on a materiality concept which depends on subjectivity.

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In compliance with the requirements of 37 CFR §1.98(a)(3), as a concise statement of relevance, as it is presently understood by the individual designated in 35 U.S.C. §1.56(c) most knowledgeable about the content of the information, the undersigned attorney of record submits a copy of the Search Report by a foreign examiner in which the references were cited. The relevance to the pending U.S. patent application is that the references were cited in a foreign patent application on the same subject matter. However, no independent analysis of the references, the accuracy of the statement of the foreign examiner or the claims of the foreign application under the laws of the country or the United States relative to the subject matter claimed in the present application has been made; the present understanding of the contents thereof by the undersigned being based on the translation of the foreign examiner's comments submitted herewith.

We believe that there are no fees involved with this information disclosure statement. However, in the event there are any fees payable, please charge them to our Deposit Account No. 08-1391.

Respectfully submitted,



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INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.

NEC DP-907

APPLICATION NO.

10/500165

APPLICANT(S)

MIYACHI et al.

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FILING DATE

June 23, 2004

GROUP ART UNIT

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,998,063	12/07/1999	KOBAYASHI et al.	429	218.1	05/01/1997

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	2002-015729	18.01.2002	JAPAN (w/Abstract)	H01M	4/02		✓
	2001-283833	12.10.2001	JAPAN (w/Abstract)	H01M	4/02		✓
	11-288705	19.10.1999	JAPAN (w/Abstract)	H01M	4/02		✓
	07-235330	05.09.1995	JAPAN (w/Abstract)	H01M	10/40		✓
	2002-198036	12.07.2002	JAPAN (w/Abstract)	H01M	4/02		✓

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		10-241684	11.09.1998	JAPAN (w/Abstract)	H01M	4/58		✓
		08-213053	20.08.1996	JAPAN (w/Abstract)	H01M	10/40		✓
		07-326342	12.12.1995	JAPAN (w/Abstract)	H01M	4/02		✓
		07-094169	07.04.1995	JAPAN (w/Abstract)	H01M	4/02		✓
		04-179050	25.06.1992	JAPAN (w/Abstract)	H01M	4/02		✓

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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							YES	NO
		04-073862	09.03.1992	JAPAN (w/Abstract)	H01M	4/02		✓

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

			Huggins, Robert A., "Lithium Alloy Negative Electrodes Formed from Convertible Oxides", <u>Solid State Ionics</u> , 113-115 (1998) pgs. 57-67.

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INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>	ATTY DOCKET NO. NEC DP-907	APPLICATION NO.
	APPLICANT(S) MIYACHI et al.	
	FILING DATE June 25, 2004	GROUP ART UNIT

U.S. PATENT DOCUMENTS							
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U.S. PATENT APPLICATION PUBLICATIONS							
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			Huggins, Robert A., "Lithium Alloy Negative Electrodes Formed from Convertible Oxides", <u>Solid State Ionics</u> , 113-115 (1998) pgs. 57-67.

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